

WE-102
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United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA2483WE

This certificate, issued to Continental Air Lines, Inc.
International Airport
Los Angeles, CA 90009

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations. (See TC data sheet A20WE)

Original Product — Type Certificate Number: A20WE
Make: Boeing
Model: 747-124

Description of Type Design Change: The direct replacement of any of the Litton LTN-51 Inertial Navigation Systems installed in positions 1, 2 or 3 with the Collins INS-61B Inertial Navigation Systems. Continental Air Lines Supplementary Revision No. 1 dated 7 MAR 1972 or later FAA approved revision to Boeing AFM Document D6-13703.124 is required. Install in accordance with FAA sealed Continental Air Lines Drawing 834-14862
INS-61B P/N's: INU 792-6864-302 MSU 792-6554-001
CDU 792-6550-301 Battery 792-6978-001

Limitations and Conditions: The approval of this change in type design applies basically to this model only. This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated unless it is determined by the installer that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that aircraft. This determination should include consideration of significant changes in weight distribution such as an increase in the fixed disposable weight in the fuselage.
This certificate and the supporting data which is the basis for approval shall remain in effect until sur-

rendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: 30 November 1971

Date reissued:

Date of issuance: 7 MAR 1972

Date amended:



By direction of the Administrator

George W. Boyert
(Signature)

Acting Chief, Aircraft Engineering Division
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.